

In the claims:

Please substitute the following full listing of claims for the claims as originally filed or most recently amended.

1. (Currently Amended) A method of optimizing performance of a mobile terminal comprising a radio communication module, a central computing unit and a plurality of data processing software components designed to optimize operational performance of said mobile terminal by compensating degradation of communication channel properties with motion of said mobile terminal, the method comprising the steps of:

providing traveling speed information from a source external to said mobile terminal, said traveling speed information approximately corresponding to traveling speed of the mobile terminal:

capturing said traveling speed information in of the mobile terminal ~~from an external source~~;

distributing the captured traveling speed to each of the data processing software components; and

controlling communication channel properties by computing communication conditions in accordance with said traveling speed captured in said capturing step.

2. (Previously Presented) The method according to claim 1, wherein the captured traveling speed is distributed according to a nature of processing of each data processing software component and value of the traveling speed.

3. (Original) The method according to claim 1, wherein the capturing of traveling speed is performed manually.

4. (Original) The method according to claim 1, wherein the traveling speed is detected automatically in real time by the mobile terminal.

5. (Currently Amended) A mobile terminal comprising:
a radio communication module,
a central computing unit,
a plurality of data processing software components, each of said data processing software components being designed to optimize a respective aspect of operational performance of said mobile terminal,
a communication interface designed to capture the traveling speed information approximating a traveling speed of the mobile terminal, said traveling speed information being provided from an external source; and
a command module designed to distribute the captured traveling speed to each of the data processing software components whereby each of said data processing software components compensates degradation of a communication channel due to speed of said mobile terminal.

6. (Original) The mobile terminal according to claim 5, wherein said communication interface comprises means for wirelessly receiving the traveling speed of the mobile terminal.

7. (Original) The mobile terminal according to claim 5, further comprising
means for transmitting the captured traveling speed to a base station.